

### IN THE SPECIFICATION

Please substitute the following paragraph for the paragraph beginning on page 6, line 32 of the specification:

In the preferred embodiment of the present invention each remote unit 113-118 may transmit utilizing the uplink supplemental channel. A decision is made as to which remote unit is providing a highest-voice-energy fundamental channel uplink, and that remote unit is assigned the uplink supplemental channel. For example, with reference to FIG. 1, uplink fundamental channel 108 has the highest-voice-energy out of all uplink fundamental channels 103-108, since supplemental channel 111 has been assigned to remote unit 118. Thus in accordance with the preferred embodiment of the present invention a plurality of uplink transmissions are received from a plurality of remote units. A determination is made as to which remote unit has the highest uplink transmit energy, and that remote unit is assigned the high-data-rate uplink channel. This process repeats periodically, with new remote units constantly being assigned the high-speed-data channel based on their transmit energy. Thus in accordance with the preferred embodiment of the present invention at a later time a second plurality of uplink transmissions are received from the plurality of remote units, and a second remote unit is determined and assigned the supplemental channel as described above.

### IN THE CLAIMS

Please substitute the following **claims 1, 6, and 9** for the pending claims 1, 6, and 9:

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1. (Once Amended) A method for transmission within a wireless communication system, the method comprising the steps of:  
receiving a plurality of uplink transmissions from a plurality of remote units;

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